**Control of AIDS by Black Mulberry**

*37. SHRI D. B. CHANDRE GOWDA:

SHRI CHATURANAN MISHRA;

Will the Minister of HEALTH AND FAMILY WELFARE be pleased to state:

(a) whether Government are aware that deoxyj irimyoin, an extract from the root bank of Black Mulberry, could be effective in AIDS control; if so, the details thereof;

(b) whether Government propose to undertake R and D work to find out its possiblel large scale application for AIDS cure;

(c) what other steps have been taken by Government to cure AIDS; and

(d) what are the other medical applications of Mulberry prodxicts?

THE MINISTER OF STATE IN THE MINISTRY OF HEALTH AND FAMILY WELFARE (KUMARI SAROJ KHAPARDE); (a) to (d) The substance deoxyjirimyoin extracted from root of mulberry has been shown to inhibit virus multiplication in invitro experiments. Studies are underway in United Kingdom to explore the usefulness of this drug at first, in *invitro* cell cultures.

Facilities for HIV isolation and invitro culture are being established in India. Once these faclities start functioning and growing HIV invitro, it will be possible for Indian scientists to undertake invitro trials on substanecs that inhibit multiplication of HIV.

There is as yet no drug for cure of AIDS nor are there any vaccines available for prevention of AIDS. However, necessary steps have been taken to train medical and non-medical personnel for treatment of AIDS cases. For the present, emphasis is being laid on the prevention of the disease through health education measures, screening of blood donors and blood products etc.

The fruit of Mulberry tree is considered to be refrigerant and laxative. The juice helps during convalescence as it checks thirst. The bark is pungative. An infusion of leaves causes a drop in blood sugar, sometimes diuresis, and a reduction of arterial pressure. It hag no effect on glucosuria.

**Incidence of Meningitis in tribal belts or Orissa, Bihar arm Madhya Pradesh**

*38. SHRI BASUDEB MOHAPATRA:

SHRI JAGADISH JANI;

Will the Minister of HEALTH AND FAMILY WELFARE be pleased to state:

(a) whether it is a fact that there has been recently an increase in the incidence of Meningitis in the tribal belts of Orissa, Bihar and Madhya Pradesh;

(b) what was the total number of deaths which took place due to the said disease in these States separately during the last three years;

(c) what steps are being taken by Government to check the same; and

(d) whether Government are providing any assistance to those State Government in tackling the problem?

THE MINISTER OF STATE IN THE MINISTRY OF HEALTH AND FAMILY WELFARE (KUMARI SAROJ KHAPARDE): (a) Yes, Sir.

(b) to (d) A statement is laid on the Table of the Sabha.

Statement

The number of deaths due to Meningococcal Meningitis in the States of